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ANSMITTAL LETTER TO THE LINITED OF STATES OF STATES.

TRANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER						
DESIGNATED/ELECTED OFFICE (DO/EO/US)	1200217 - N US						
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
INTERNATIONAL APPLICATION NO. OR DECEMBER 2103 (02.12.2003)	PRIORING BATE CHAMED 06 DECEMBER 202 (06.12.2002)						
TITLE OF INVENTION							
APPLICANT(S) FOR DO/EO/US	OPPOSING SURFACES						
EWEN CAMPBELL, TIM LETTIE, JOE A. POWE	LL JOHN H. HORNICKEL						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  1. This is a FIRST submission of items concerning a submission water 35 H.S. 0. 334							
This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. The US has been elected (Article 31).							
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
a. is attached hereto (required only if not communicated by the Internation	nal Bureau).						
b. has been communicated by the International Bureau.							
c. X is not required, as the application was filed in the United States Receivi	ing Office (RO/US).						
6. An English language translation of the International Application as filed (35 U.S.C	C. 371(c)(2)).						
a. is attached hereto.							
b. has been previously submitted under 35 U.S.C. 154(d)(4).	·						
7. Amendments to the claims of the International Application under PCT Article 19 (	35 U.S.C. 371(c)(3))						
a. are attached hereto (required only if not communicated by the International Bureau).							
b. have been communicated by the International Bureau.							
c. have not been made; however, the time limit for making such amendm	ents has NOT expired.						
d. have not been made and will not be made.							
3. An English language translation of the amendments to the claims under PCT Arti	icle 19 (35 U.S.C. 371(c)(3)).						
An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
O. An English language translation of the annexes of the International Preliminary Ex Article 36 (35 U.S.C. 371(c)(5)).	camination Report under PCT						
Items 11 to 20 below concern document(s) or information included:							
1. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
2. An assignment document for recording. A separate cover sheet in compliance with	h 37 CFR 3.28 and 3.31 is included.						
3. A preliminary amendment. To REHOUE MULTIPLE DEPEN	~DENCIES						
4. An Application Data Sheet under 37 CFR 1.76.							
5. A substitute specification.							
6. A power of attorney and/or change of address letter.							
7. A computer-readable form of the sequence listing in accordance with PCT Rule 13	Bter.2 and 37 CFR 1.821- 1.825.						
8. A second copy of the published International Application under 35 U.S.C. 154(d)(4							
9. A second copy of the English language translation of the international application u	under 35 U.S.C. 154(d)(4).						
Other items or information: - PLEASE ADD CUSTOMER NUMB							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 2

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PTO-1390 (Rev. 02-2005)
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATI	PPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER				
10/537377   OCT/US03 38237			1200712-N N2				
The following fees have been submitted			CALCULATIONS	PTO USE ONLY			
21. Basic national fee \$300			\$ 300				
22. Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$ <b>200</b>			
23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			s 400				
					\$ 900		
Additional fe	TOTAL OF 21, 2	22 and 23 =	ed in paper over 100 sheets (e	excluding	* 100	<del> </del>	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					Ì		
Total Sheets	Extra Sheets	Number of eac	h additional 50 or fraction up to a whole number)	RATE			
- 100 =	/50	=		x \$250	\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).					\$		
CLAIMS	NUM	BER FILED	NUMBER EXTRA	RATE	\$		
Total claims	1	20 - 20 =	0 .	x \$ 50	\$ 0		
Independent clair	<del></del>	2 -3=	0	x \$200	\$ O		
MULTIPLE DEPI	ENDENT CLAIM	(S) (if applicable)		+ \$360	\$ O		
			· •	E CALCULATIONS =	\$ 900		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.							
SUBTOTAL =			\$ 900				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	-		
TOTAL NATIONAL FEE =			\$ 900				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$			
TOTAL FEES ENCLOSED =				\$ 900			
			Amount to be refunded:	\$			
			Amount to be	s			
					charged:	<u> </u>	
a. A check in the amount of \$ to cover the above fees is enclosed.							
Please charge my Deposit Account No. 07-1077 in the amount of \$ 900 to cover the above fees.  A duplicate copy of this sheet is enclosed.							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1077</u> . A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:							
JOHN H. HORNICKEL SIGNATURE					7. 4.24		
POLY ONE CORPORATION TALL			Hanneyel	<u>).</u>			
33587 WALKER ROAD NAME				. HORNICKE			
AUON LAKE, OH UHOID 29				, 393			
				REGISTRATI	ON NUMBER		